

PCT National Phase of: PCT/EP00/05917  
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Please ADD new claims 18-52 in accordance with the following:

18. (NEW) An input device for computer systems, comprising:

a recording unit to serially record image information;

an image evaluation unit to evaluate the recorded image information and determine control information from a relative displacement of the serially recorded image information, the image evaluation unit having an image compression device for generating motion vectors, the control information being a main motion vector of the serially recorded image information

a data processing unit to process the control information in selection information ; and a display unit to display the selection information .

19. (NEW) The input device as claimed in claim 18, wherein the selection information in a displayed image is at least one of a selection position, a selection field and an entire display area of the display unit .

20. (NEW) The input device as claimed in claim 18, wherein the control information has an x component, wherein the image evaluation unit takes into account a parallel relative displacement of the image information in the x direction.

21. (NEW) The input device as claimed in claim 18, wherein the control information has a y component, wherein the image evaluation unit takes into account a parallel relative displacement of the image information in the y direction.

22. (NEW) The input device as claimed in claim 18, wherein the control information has a z component, wherein the image evaluation unit takes into account a concentric relative displacement of the image information in the x and y directions.

23. (NEW) The input device as claimed in claim 22, wherein the recording unit has a displacement device for creating the parallel and/or concentric relative displacement.

24. (NEW) The input device as claimed in claim 22, wherein the display unit enlarges or reduces the selection information depending on the z component of the control information.

25. (NEW) The input device as claimed in claim 18, wherein the computer system is a

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mobile multimedia communication terminal.

26. (NEW) The input device as claimed in claim 25, wherein the recording unit records in the display direction of the display unit.

27. (NEW) The input device as claimed in claim 25, wherein the recording unit records in the opposite direction to the display direction of the display unit.

28. (NEW) The input device as claimed in claim 25, further comprising at least one further recording unit which records in the opposite direction to the display direction of the display unit.

29. (NEW) The input device as claimed in claim 18, wherein the recording unit has a CCD or CMOS sensor camera.

30. (NEW) The input device as claimed in claim 18, further comprising at least one activation element for activating/deactivating the input device.

31. (NEW) The input device as claimed in claim 18, wherein the recording unit is a macro camera system which can record the image information in sharp focus from a very short distance.

32. (NEW) The input device as claimed in claim 18, wherein the recording unit has a pressure sensor for confirming the displayed selection information.

33. (NEW) The input device as claimed in claim 18, wherein the computer system is a mobile videophone.

34. (NEW) The input device as claimed in claim 19, wherein the control information has an x component, wherein the image evaluation unit takes into account a parallel relative displacement of the image information in the x direction.

35. (NEW) The input device as claimed in claim 34, wherein the control information has

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a y component, wherein the image evaluation unit takes into account a parallel relative displacement of the image information in the y direction.

36. (NEW) The input device as claimed in claim 35, wherein the control information has a z component, wherein the image evaluation unit takes into account a concentric relative displacement of the image information in the x and y directions.

37. (NEW) The input device as claimed in claim 36, wherein the recording unit has a displacement device for creating the parallel and/or concentric relative displacement.

38. (NEW) The input device as claimed in claim 37, wherein the display unit enlarges or reduces the selection information depending on the z component of the control information.

39. (NEW) The input device as claimed in claim 38, wherein the computer system is a mobile multimedia communication terminal.

40. (NEW) The input device as claimed in claim 39, wherein the recording unit records in the display direction of the display unit.

41. (NEW) The input device as claimed in claim 40, wherein the recording unit records in the opposite direction to the display direction of the display unit.

42. (NEW) The input device as claimed in claim 41, further comprising at least one further recording unit which records in the opposite direction to the display direction of the display unit.

43. (NEW) The input device as claimed in claim 42, wherein the recording unit has a CCD or CMOS sensor camera.

44. (NEW) The input device as claimed in claim 43, further comprising at least one activation element for activating/deactivating the input device.

45. (NEW) The input device as claimed in claim 44, wherein the recording unit is a

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macro camera system which can record the image information in sharp focus from a very short distance.

46. (NEW) The input device as claimed in claim 45, wherein the recording unit has a pressure sensor for confirming the displayed selection information.

47. (NEW) The input device as claimed in claim 46, wherein the computer system is a mobile videophone.

48. (NEW) A method for inputting control information in a computer system comprising the steps:

- a) recording first image information;
- b) recording second image information;
- c) determining a relative displacement between the first and second image information; and
- d) generating the control information on the basis of the relative displacement determined,

wherein the determination in step c) is a determination of motion vectors by means of an image compression method; and the generation according to step d) is a generation of control information on the basis of a main motion vector.

49. (NEW) A input device comprising:  
a recorder to record an image at first and second image positions;  
an image evaluation unit to determine the displacement of the image between the first and second positions and to obtain a motion vector from the displacement;  
a display unit to display information; and  
a data processing unit to modify the information displayed on the display unit based on the motion vector.

50. (NEW) An input unit according to claim 49, wherein the data processing unit moves a cursor on the display based on the motion vector.

51. (NEW) An input unit according to claim 49, wherein the data processing unit scrolls